

Entry Level Stewardship

Environmental Stewardship Handbook

Fourth Edition – January 2013



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	Entry Level Stewardship (ELS) including Uplands ELS	Organic Entry Level Stewardship (OELS) including Uplands OELS	Higher Level Stewardship (HLS)
Level	The simplest level in Environmental Stewardship (ES)	The organic version of ELS	A more demanding level that asks a farmer to achieve more
Eligibility	Open to all farmers	Open to farmers with organic land, land entering conversion or farms that combine conventional and organic enterprises	Negotiated with farmers in target areas or, outside of those areas, using target themes
Duration	5 years	5 years	10 years, though some options can run for a longer period
Payment	Standard payment of £30 per ha per year (£8 per ha per year on land parcels of 15 ha or more above the Moorland Line). Uplands ELS has a standard payment rate of £62 per ha per year, and £23 per ha per year on land parcels of 15 ha or more above the Moorland Line.	Standard payment of £60 per ha per year Organic conversion aid payments are £175 per ha (improved land for the first two years) and £600 per ha (top fruit orchards for the first three years). Uplands OELS has a standard payment rate of £92 per ha per year.	Requires a greater input in management terms, and so attracts higher payments. The actual payment varies according to the management required under the specific agreement.
What's new in 2013	 Section 2 - Environmental objectives highlighting ELS options of greatest environmental value. Section 3 - Option directory for ELS and Uplands ELS. Changes to options: Five new options added to address specific environmental needs. Points value of 10 options adjusted to improve environmental benefit. Detailed option prescriptions of 11 options changed to clarify eligibility and encourage uptake. Titles of five options changed to spell out the environmental purpose of the options. Section 4 - How to apply and Section 5 - Terms and conditions now cover both ELS and Uplands ELS. 	 Section 2 - Environmental objectives highlighting OELS options of greatest environmental value. Section 3 - Option directory for OELS and Uplands OELS. Changes to options: Five new options added to address specific environmental needs. Points value of 10 options adjusted to improve environmental benefit. Detailed option prescriptions of 11 options changed to clarify eligibility and encourage uptake. Titles of five options changed to spell out the environmental purpose of the options. Section 4 - How to apply and Section 5 - Terms and conditions now cover both OELS and Uplands OELS. 	Section 3 – Option directory for HLS New option HF24 – Supplementary feeding in winter for farmland birds

Before you read about ES in more detail, you can see what farmers themselves have to say about the scheme in the *Look After Your Land with Environmental Stewardship* booklet available from Natural England. You will also find a summary of each element of the scheme and how it works.

The ELS Handbook – A Quick Guide

This quick guide will help you find the answers to questions you may have about the scheme, the application process and the rules.

1	Section 1 – Introduction to Entry Level Stewardship Covers the basics: what you can achieve with ELS; how long agreements last; how the application process works; what and when you will be paid; and an overview of the rules.
2	Section 2 – Environmental objectives Information to help you select the best options for your farm and provide the most benefits for the environment, including for uplands farms.
3	Section 3 – Option directory for ELS and Uplands ELS Contains the detailed management requirements for each ELS option, including options specifically for farms in the uplands, and new options for 2013. You should make sure you have read and understood all the management requirements that apply to the ELS options you select – when you sign your application form, you are confirming that you will comply fully with the management requirements for the duration of your agreement.
4	Section 4 – How to apply for ELS and Uplands ELS Explains what you need to do before you apply, and provides a step-by-step guide to completing your application form, including for farmers applying for Uplands ELS.
5	Section 5 – Terms and conditions The rules that you will need to comply with when you enter into an ELS agreement. You should read them before you apply.
6	Section 6 – Appendices Includes a glossary of some of the main terms used in the handbook, our contact details, and a list of other useful sources of information.
	Information and advice to help you with your ELS application Before you apply: You can receive a free advice visit from a Natural England representative to help you make the most of your ELS agreement. This help is available to all farmers and land managers. Call 0300 060 1695 or visit the Farm Events and Visits page on the Natural England website at www.naturalengland.org.uk/.
	ELS Online: The simplest and quickest way to complete an ELS application is to do it online by visiting www.naturalengland.org.uk/ourwork/farming/funding/es/els/online/default.aspx.
	Completing your application form: Call 0300 060 0011 if you need help completing your form.
	How long will it take? It will take up to three months to process your application from receipt of a valid application. Call 0300 060 0011 if you wish to check the progress of your application.
	Scheme aftercare once your agreement is in place: you can receive a free advice visit or join a 'best practice' event to help you manage your ELS options as well as possible. If you need to amend your agreement, or have any other concerns, call 0300 060 0011 .
	Which edition of the ELS Handbook should you use? This handbook will apply to all ELS agreements starting on or after 1 January 2013. If this applies to you, this handbook – including all the rules and requirements that it contains – will form a part of your legal agreement with Natural England and it must be retained for reference.
	ELS agreements starting before 1 January 2013 will continue to be governed by previous handbook editions, until they are either replaced by a new agreement or reach the end of their term, as follows: 1st edition handbooks: Agreements starting August 2005 - September 2008.
	2nd edition handbooks: Agreements starting October 2008 - January 2010.
	3rd edition handbooks: Agreements starting February 2010 - December 2012.

Contents

Section 1 Introduction to Entry Level Stewardship

1.1	Introdu	uction and general overview	9
	1.1.1	What is Entry Level Stewardship?	9
	1.1.2	Benefits of ELS and Uplands ELS for farmers and land managers	9
	1.1.3	ELS aims and objectives	9
	1.1.4	Priority options and priority areas	
	1.1.5	What the scheme has delivered to date	
	1.1.6	Further help: free farm visits and events	10
1.2	Key inf	ormation	10
	1.2.1	Who can apply?	10
	1.2.2	How do you apply?	10
	1.2.3	What land is eligible?	
	1.2.4	What are you agreeing to do?	
	1.2.5	What environmental management must	
		you undertake and how much will you be paid?	11
	1.2.6	When will your agreement start and how long will it last?	
	1.2.7	When will you be paid?	12
	1.2.8	Can an agent act on your behalf?	
	1.2.9	How will your information be stored and used?	
	1.2.10	Can you make changes to your agreement?	

Section 2 Environmental objectives

2.1	Managing arable habitats for farmland birds	14
2.2	Managing habitats for water voles, dragonflies, newts and toads	16
2.3	Managing habitats for arable plants	17
2.4	Managing habitats for bats and dormice	18
2.5	Managing habitats for butterflies, bees and vulnerable grassland	20
2.6	Managing habitats for brown hare	21
2.7	Managing habitats for uplands wildlife	22
2.8	Managing your land to protect and enhance the landscape	24
2.9	Managing your land for the historic environment	26
2.10	Managing your land for cleaner water and healthier soil	28
2.11	Managing your land to focus on climate change	31

Section 3 Option directory for ELS and Uplands ELS

3.1	Introduction to compulsory requirements and options	34
3.2	Compulsory requirements for ELS and upland management	
	EA1 Farm Environment Record	
	UX Compulsory requirements for SDA land in Uplands ELS	41
3.3	Detailed management prescriptions	44
	B Options for boundary features	
	C Options for trees and woodland	54
	D Options for historic and landscape features	
	E Options for buffer strips	65
	F Options for arable land	
	G Options to encourage a range of crop types	82
	J Options to protect soil and water	
	K Options for grassland outside the Severely Disadvantaged Areas (SDAs)	89
	K Option for mixed stocking on grassland	94
	L Options for grassland and moorland inside the	
	Severely Disadvantaged Areas (SDAs)	95
Optio	ons for Uplands ELS	. 101
	UB Options for boundary features in the uplands	
	UC Options for trees and woodland in the uplands	
	UD Options for historic and landscape features in the uplands	
	UJ Options to protect soil and water in the uplands	
	UL Options for upland grassland and moorland in the uplands	
3.4	Combinations of ELS options, including Uplands ELS options,	
J.7	which can occupy the same land	112
	which can occupy the same land	. 110

Section 4 How to apply for ELS and Uplands ELS

4.1	Before	you apply	124
	4.1.1	Things to do before you apply	124
	4.1.2	Apply for ELS online	
	4.1.3	Obtain an application form and maps to apply by post	125
	4.1.4	Check your application pack is complete	
4.2	Choosi	ng your options	125
	4.2.1	Selecting the right options for your farm	
	4.2.2	Further help: free farm visits and events	
	4.2.3	Meet your points target	
	4.2.4	Can you have more than one option on the same area of land?	
	4.2.5	What should you do if you have already sown your crops?	
4.3	How to	o complete your paper application	127
	4.3.1	Before you begin	127
	4.3.2	Step-by-step summary of how to apply	
	4.3.3	How to fill in your application form and mark your maps	
4.4	What h	happens next?	132
	4.4.1	What happens once you have submitted your application?	132
	4.4.2	What will you receive if your application has been successful?	
	4.4.3	What if your application is unsuccessful?	
		,	

Section 5 Terms and conditions

5.1	Introd	uction	141
5.2	About	your agreement	141
	5.2.1	What are you agreeing to do?	
	5.2.2	What documentation is included in your agreement?	
	5.2.3	Duration of your agreement	
	5.2.4	What payments will you receive?	
	5.2.5	How will you be paid?	
	5.2.6	Will your details be made public?	142
5.3	Who c	an apply?	143
	5.3.1	Who can join the scheme?	
	5.3.2	What if you are a tenant	
	5.3.3	What if you are a licensee?	
	5.3.4	What if you are a landlord?	
	5.3.5	What if you are a licensor?	
	5.3.6	What about using contractors to manage the land?	
	5.3.7	Are business partnerships and trusts eligible?	
	5.3.8	Are public bodies and their tenants eligible?	
	5.3.9	Is common land and shared grazing eligible?	
	5.3.10	What if others hold rights over your land?	
5.4	le vour	land eligible?	
5.4	5.4.1	What land can you enter into the scheme?	
	5.4.1 5.4.2	What land must be excluded from your application?	
	5.4.2 5.4.3	Is land that is subject to another scheme or obligation eligible?.	
	5.4.4	Countryside Stewardship Scheme (CSS) and	14/
	J.4.4	Environmentally Sensitive Areas (ESAs)	167
	5.4.5	Energy Crops Scheme (ECS)	
	5.4.6	The Environmental Impact Assessment	
	5.4.0	(Agriculture) (England) (No. 2) Regulations 2006	148
	5.4.7	Felling Licences/Tree Preservation Orders	149
	5.4.8	Habitat Scheme	
	5.4.9	Inheritance Tax/Capital Gains Tax exemption	
	5.4.10	Nitrate Vulnerable Zones (NVZs)	
	5.4.11	Producer Organisation Aid Scheme	
	5.4.12	Protected species	150
	5.4.13	Scheduled Monuments	
	5.4.14	Single Payment Scheme (SPS)	
	5.4.15	Can you use land to apply for ELS that someone else	
		is using to apply for SPS?	151
	5.4.16	Sites of Special Scientific Interest (SSSIs)	151
	5.4.17	Tenancy conditions	152
	5.4.18	Uplands Transitional Payment (UTP)	
	5.4.19	Woodland schemes	153
5.5	What a	additional requirements will apply to your agreement?	153
	5.5.1	Cross compliance	
	5.5.2	Avoidance of under-utilisation and overgrazing	
	5.5.3	Public Rights of Way	
	5.5.4	Protection of historic features	
	5.5.5	Archaeological fieldwork and metal detecting on your land	
	5.5.6	Other activities on your land	
	5.5.7	Inspecting and monitoring your agreement	
	5.5.8	Agricultural Waste Regulations	
	5.5.9	Plaques	
		•	

	5.5.10	Keep necessary records	155
	5.5.11	State Aid payments	155
	5.5.12	Other funding	
	5.5.13	Publicity	
	5.5.14	Photographs	156
5	.6 Makin	g changes to your agreement	156
	5.6.1	Can you make changes to your agreement?	156
	5.6.2	What if you let, sell or transfer your land to another party?	157
	5.6.3	What if you acquire land?	158
	5.6.4	When will agreement transfers take effect?	159
	5.6.5	What if you want to upgrade your agreement?	
	5.6.6	Derogations	159
	5.6.7	Variation of your agreement by us	
	5.6.8	Certainty of payment	
	5.6.9	Exceptional circumstances (force majeure)	160
5	.7 What	happens if you fail to keep to the terms of your agreement,	
		dispute or wish to make a complaint?	
	5.7.1	What is a breach of agreement?	161
	5.7.2	What penalties could be applied?	161
	5.7.3	What do you do if you receive an overpayment?	
	5.7.4	What if you disagree with any of our decisions or	
		proposed actions regarding your application or agreement?	
	5.7.5	How do you make a complaint?	
		·····	

Section 6 Appendices

Appendix 1

Contact details
Appendix 2 Useful web addresses
Appendix 3 Guidance for calculating nitrogen content of fertilisers and manures
Appendix 4 Animal numbers converted into Livestock Units (LUs)
Appendix 5 List of recognised hardy native breeds of sheep
Appendix 6 Glossary and list of abbreviations and acronyms174
Throughout this handbook, text in black is applicable to both ELS and Uplands ELS. Text specific to Uplands ELS is highlighted purple.

Throughout this handbook, all references to 'our', 'us' or 'we' refer to 'Natural England' and all references to 'you' or 'your' refer to 'the agreement holder'.

Contact details

Natural England offices

Natural England offices are open from 8.30 am to 5.00 pm Monday to Friday, excluding bank holidays. Please have your application or agreement details to hand when contacting us.

Please note that all requests for OELS and combined OELS/HLS application packs should be directed to the Crewe office (North West region).

East of England Bedfordshire Cambridgeshire Essex Hertfordshire Norfolk Suffolk	Natural England Customer Services PO Box 247, Cambridge CB2 2WW Tel: 0300 060 0011* Fax: 0300 060 1124 Email: enquiries@naturalengland.org.uk
East Midlands Derbyshire Leicestershire Lincolnshire Northamptonshire Nottinghamshire Rutland	Natural England Customer Services PO Box 10276, Nottingham NG2 9PD Tel: 0300 060 0011* Fax: 0300 060 1121 Email: enquiries@naturalengland.org.uk
North East Durham Northumberland Tyne and Wear Former county of Cleveland	Natural England Customer Services PO Box 578, Newcastle upon Tyne NE15 8WW Tel: 0300 060 0011* Fax: 0300 060 1127 Email: enquiries@naturalengland.org.uk
North West Cheshire Cumbria Greater Manchester Lancashire Merseyside	Natural England Customer Services PO Box 380, Crewe CW1 6YH Tel: 0300 060 0011* Fax: 0300 060 1123 Email: enquiries@naturalengland.org.uk
South East Berkshire Buckinghamshire East Sussex West Sussex Greater London Hampshire Isle of Wight Kent Oxfordshire Surrey	Natural England Customer Services PO Box 2423, Reading RG1 6WY Tel: 0300 060 0011* Fax: 0300 060 1122 Email: enquiries@naturalengland.org.uk

South West Cornwall Devon Dorset Gloucestershire Somerset Wiltshire Former county of Avon	Natural England Customer Services PO Box 277, Bristol BS10 6WW Tel: 0300 060 0011* Fax: 0300 060 1128 Email: enquiries@naturalengland.org.uk
West Midlands Herefordshire Shropshire Staffordshire Warwickshire West Midlands Worcestershire	Natural England Customer Services PO Box 530, Worcester WR5 2WZ Tel: 0300 060 0011* Fax: 0300 060 1125 Email: enquiries@naturalengland.org.uk
Yorkshire and the Humber East Riding of Yorkshire North Yorkshire South Yorkshire West Yorkshire	Natural England Customer Services PO Box 798, Leeds LS1 9NA Tel: 0300 060 0011* Fax: 0300 060 1126

Please note:

North Lincolnshire

Calls to phone numbers marked * above will be answered initially by an external switchboard service working on Natural England's behalf. They will then connect callers to Natural England staff who can deal with your enquiry.

Email: enquiries@naturalengland.org.uk

In order to help the switchboard operator to direct your call accurately:

- please give the name of the specific person or team you wish to speak to, if you know this;
- otherwise, please give as much detail of the nature of your enquiry and the geographical area that it relates to, as possible.

Useful web addresses

Natural England application information:

Supplementary forms for Environmental Stewardship (agent authorisation, common land and shared grazing, derogation) can be found at: www.naturalengland.org.uk/ourwork/farming/funding/es/forms/default.aspx

For details of ELS online go to: www.naturalengland.org.uk/ourwork/farming/funding/es/els/online/default.aspx

Mapping software that may be helpful in measuring areas and lengths is available at: www.magic.gov.uk

Other Natural England sources of information: Details of ELS advice events can be obtained from: www.naturalengland.org.uk/ourwork/farming/landmanagementadvice/events/default.aspx

Advice about wildlife management and licensing is available at: www.naturalengland.org.uk/ourwork/regulation/wildlife/default.aspx

A guidance note on Environmental Stewardship for heritage properties designated under the Inheritance Tax Act 1984 (Natural England 2011) is available at: **publications.naturalengland.org.uk/publication/35042**

Details of the Natural England complaints procedure can be found at: www.naturalengland.org.uk/about_us/contact_us/complaints.aspx

Further information on Public Rights of Way, including the duties of landowners and occupiers of land, can be found at:

www.naturalengland.org.uk/ourwork/enjoying/places/rightsofway/default.aspx

Advice on the management of hedgerows and hedgerow trees (including *The Hedgerow Management Cycle & Scale*) is available through the Natural England publications catalogue: publications.naturalengland.org.uk/publication/39004?category=9006

A wide range of information, including bird distribution maps can be found at: **www.natureonthemap.org.uk**

The Heather and Grass Burning Code can be downloaded from: www.naturalengland.org.uk/ourwork/regulation/burning/default.aspx

Details about the Catchment Sensitive Farming programme can be found at: www.naturalengland.org.uk/ourwork/farming/csf/default.aspx

External sources of information:

Information about NDPBs and other public bodies can be found at: www.civilservice.gov.uk/about/resources/information-on-public-bodies

Information on Felling licences including the booklet *Tree Felling – getting permission* is available at: www.forestry.gov.uk/forestry/INFD-6DFK86

Code of Good Agricultural Practice can be found at: www.defra.gov.uk/publications/2011/06/16/pb13558-cogap Code of Practice for Responsible Metal Detecting in England and Wales can be found at: finds.org.uk/getinvolved/guides/codeofpractice

Information about archaeological features on your farm can be obtained from your local Historic Environment Record (HER) at: www.heritagegateway.org.uk/Gateway/CHR

A leaflet entitled *Farming the Historic Landscape: Entry Level Stewardship* is available at: www.helm.org.uk

Rural Payment Agency's (RPA's) Customer Service Centre

Customer Service Centre Rural Payments Agency PO Box 1058 Newcastle upon Tyne NE99 4YQ Tel: 0845 603 7777 Email: csc@rpa.gsi.gov.uk

Full details about cross compliance can be found on the RPA website at: www.rpa.gov.uk/crosscompliance

In addition, the Farming Advice Service provides advice on cross compliance and other subjects to help you improve the economic and environmental performance of your farm: www.defra.gov.uk/farming-advice

Single Payment Scheme Handbook and supplements: rpa.defra.gov.uk/rpa/index.nsf/home

Guidance for calculating nitrogen content of fertilisers and manures

This section may help you to establish the appropriate application rates of fertilisers or manures applied under the low-input grassland and rush pasture options EK2, EK3, EK4, EL2, EL3, EL4.

Fertilisers

The content of each nutrient in a fertiliser is given as a percentage. Therefore, 100 kg of a 20:10:10 NPK compound fertiliser will contain 20 kg of nitrogen, 10 kg of phosphate and 10 kg of potash.

The amount of fertiliser product to apply per ha is calculated as follows:

Rate of fertiliser product (kg/ha) = nutrient application rate (kg/ha) x 100 per cent nutrient in fertiliser

Examples

- A 20:10:10 fertiliser is to be used to apply 50 kg/ha nitrogen, 25 kg/ha phosphate and 25 kg/ha potash. The required application rate of the fertiliser product is 250 kg/ha.
- A 34.5 per cent nitrogen fertiliser is to be used to apply 50 kg/ha nitrogen. The required application rate of the fertiliser product is 145 kg/ha.

Manures

Table 12 Typical total nitrogen content of livestock manures

Manure type	Total nitrogen content	Application rate to supply 100 kg/ha total nitrogen
Cattle farmyard manure	6.0 kg/tonne	16 tonnes/ha
Pig farmyard manure	7.0 kg/tonne	14 tonnes/ha
Dairy cattle slurry (6% dry matter)	3.0 kg/m³	33 m³/ha
Beef cattle slurry (6% dry matter)	2.3 kg/m³	43 m³/ha
Pig slurry (4% dry matter)	4.0 kg/m ³	25 m³/ha

These typical nitrogen contents are based on analyses of a large number of samples and are useful for general planning purposes. The nitrogen content of manures can be variable and analysis of individual samples will provide more reliable information. Dry matter content will affect the nitrogen content of slurries.

For full details on the nutrient content of manures, see *Fertiliser Recommendations for Agricultural and Horticultural Crops* (RB209, MAFF, seventh edition, 2000), available from the Defra website at **www.defra.gov.uk** under 'Fertilisers' in the A–Z index.

Conversion table for frequently used units of measurement

50 kg/ha = 40 units/acre

1 kg = 2 units (a 'unit' is 1 per cent of 1 hundredweight, or 1.12 lb)

Table 13 Animal numbers converted into Livestock Units (LUs)

Animal numbers are converted into Livestock Units as follows:	LUs
Dairy cow	1.0
Beef cow	1.0
Cattle over two years old	0.7
Cattle six months to two years old	0.6
Lowland ewe and lamb	0.12
Hill ewe and lamb	0.08
Ram and teg over six months old	0.15
Ewe follower and/or store lamb	0.08
Horse	1.0
Pony	0.8

These values are for medium-sized breeds. Large breeds will have approximately 20 per cent higher LU values and small breeds will be approximately 20 per cent lower, for each category.

Other grazing ruminants, such as deer or camelids, should be allocated an LU value in proportion to their liveweight, ie 60 kg animal approximately = 0.1 LU.

List of recognised hardy native breeds of sheep

Badger Face Welsh Balwen **Beulah Speckled Face Black Welsh Mountain Border Leicester** Boreray **Castlemilk Moorit Clun Forest** Cotswold **Derbyshire Gritstone Devon and Cornwall** Longwool **Devon Closewool** Dorset Down **Dorset Horn Exmoor Horn Greyface Dartmoor** Hampshire Down Hebridean Herdwick **Hill Radnor** Jacob **Kerry Hill** Leicester Longwool Lincoln Longwool Llandovery Whiteface Hill Llanwenog Lonk Manx Loaghtan Norfolk Horn North Ronaldsay Oxford Down Portland Romney Ryeland (including Coloured)

172 Entry Level Stewardship - Fourth Edition January 2013

Shetland Shetland (Island¹) Shropshire Soay South Wales Mountain (Nelson type) Southdown Teeswater Welsh Hill Speckled Face Wensleydale Whiteface Dartmoor Whitefaced Woodland Wiltshire Horn

¹ 'Island' means pedigree-registered animals listed as being part of the 'Island' population of that breed, usually in a separate 'closed' sub-register within the relevant breed society's herdbook.

Glossary and list of abbreviations and acronyms

Glossary

Agreement land

All land entered into a single Entry Level Stewardship agreement.

Agri-environment schemes

Schemes under EC Regulation 1698/2005 and Commission Regulations 1974/2006 and 65/2011 (as amended or as may be amended) that offer grants for measures to conserve and enhance the countryside.

Arable land

Land that has been in arable production, including temporary grassland and long-term set-aside, during the five years prior to the start of your agreement.

Common land

Land where management rights are vested in a number of individuals.

Countryside and Rights of Way Act (CRoW) 2000

Strengthens the legislation on the protection of Sites of Special Scientific Interest (SSSI) (see below) and introduces new rights of access on foot to open countryside (mountain, moor, heath, downland) and commons.

Derogation

Agreed temporary relaxation from the specified prescriptions in an agreement.

Easement

A right enjoyed by one landowner over the land of another, for example a right of way.

Environmental Impact Assessment Regulations

The Environmental Impact Assessment (Agriculture) (England) (No.2) Regulations 2006.

Environmental Information Map

The map that Natural England will send to you, with your personalised application form, showing designations on your land such as SSSIs and Scheduled Monuments.

Environmental Stewardship (ES)

Replaced Environmentally Sensitive Areas and Countryside Stewardship Schemes from 2005. It has three elements – Entry Level Stewardship, Organic Entry Level Stewardship and Higher Level Stewardship. Uplands Entry Level Stewardship and Uplands Organic Entry Level Stewardship options offer a higher level of payment in return for environmental management of land within the Severely Disadvantaged Areas (SDAs).

Farm Environment Record (FER)

A simple record of the environmental features on your land, required as part of your agreement. As a condition of your agreement, you agree to retain the features identified.

Field Data Sheet

Annex 2 of the ELS application form, on which you have entered your ELS non-rotational in-field options.

Force majeure

A breach of your agreement caused by unforeseeable circumstances or events beyond your control which, in spite of the exercise of all due care, could not have been avoided except at the cost of excessive sacrifice.

Grassland

For the purposes of ELS, grassland is defined as land that is used to grow grasses or other herbaceous forage naturally or through cultivation and which has not been subject to cultivation for at least five years.

Haylage

Haylage is defined as preserved grass with a dry matter content of at least 60 per cent.

Leaching

The process by which percolating water removes nutrients from the soil.

Less Favoured Area (LFA)

An area where the natural characteristics (geology, altitude, climate etc) make farming difficult. LFAs are subdivided into Severely Disadvantaged Areas and Disadvantaged Areas.

Livestock unit (LU)

A measure of grazing pressure, allowing stocking rate comparison between livestock types. Grazing livestock units are calculated according to conversion factors, which vary according to the type of animal.

Moorland Line

The Moorland Line encloses land within England that has been defined as predominantly semi-natural upland vegetation, or predominantly of rock outcrops and semi-natural vegetation, used primarily for rough grazing. The Moorland Line encloses nearly 800,000 hectares (42 per cent) of Less Favoured Area land.

Non-rotational options

Management options that remain in the same place on your land for the duration of your agreement (for example, hedgerow management).

Options Map

The map on which you mark the management options you wish to enter into Entry Level Stewardship.

Overgrazing

Grazing of land which significantly reduces the growth, quality or species composition of vegetation (other than vegetation normally grazed to destruction) on that land.

Poaching

Damage to the sward caused by concentrations of livestock.

Points target

This is the number of points required for an Entry Level Stewardship application to be accepted and is based on the total area of agreement land (for example, outside of the Severely Disadvantaged Area (SDA) the points target = 30 x hectares of agreement land).

Profit à prendre

This gives the holder the right to take natural resources from the land of another.

Rotational options

Options which can be moved around your land during the course of your agreement, for example skylark plots, wild bird seed mix plots, conservation headlands.

Rural Land Register (RLR)

A database of land parcels and areas within England, managed by the Rural Payments Agency. For land to be eligible for Entry Level Stewardship, it must be registered on the Rural Land Register.

Rural Payments Agency (RPA)

An executive agency of Defra, responsible for the Common Agricultural Policy (CAP) payment functions, formerly delivered by Defra and the Intervention Board.

Scheduled Monument

Nationally important sites and monuments of historic interest that have been given legal protection by being placed on a list or 'schedule'. English Heritage takes the lead in identifying sites in England that should be placed on the schedule by the Secretary of State for Culture, Media and Sport.

Scrub

Any distinct area within a parcel (which may even amount to the entire parcel area) which is clearly capable of being grazed (ie is not too dense) is eligible for SPS, while any distinct area which is clearly incapable of being grazed (ie is too dense) should be excluded, even if such areas are adjoined. This will mean that, for example, within a grass parcel containing scrub (not thistle), those grass parts which do not have scrub growing on them are eligible for SPS, as are those parts where the scrub is short and animals can walk over them and graze on the scrub. Any area where the inspector is satisfied that animals cannot penetrate for grazing, should be deducted.

Severely Disadvantaged Area (SDA)

These are areas which are, in the opinion of the appropriate minister, inherently suitable for extensive livestock production but not for the production of crops in a quantity materially greater than that necessary to feed such livestock as are capable of being maintained on such land, and whose agricultural production is, in the opinion of the appropriate minister, severely restricted in its range by, or by a combination of soil, relief, aspect or climate, or situated in the Isles of Scilly. Severely Disadvantaged Areas form part of the Less Favoured Areas.

Shared Grazing

Shared grazing(s) are communal pasture where graziers have a legal entitlement to graze (for example, a pasture used jointly by tenants) but where the land is not registered as common land.

Single Business Identifier (SBI)

A unique reference number for beneficiaries of rural development schemes, including SPS, to identify the owners/occupiers of land and to aid the co-ordination of inspections, implementation of cross compliance, and declaration of total EU funding received by each beneficiary.

Single Payment Scheme (SPS)

A decoupled subsidy payment replacing the 10 major Common Agricultural Policy (CAP) payment schemes, one of the major reforms of the CAP, which came into effect in 2005.

Undergrazing

Where annual growth is not being fully utilised, or where scrub or coarse vegetation is becoming evident, and this is detrimental to the environmental interests of the site.

Uplands Transitional Payment (UTP)

A payment designed for farms that have Environmentally Sensitive Area or Countryside Stewardship Scheme agreements within the Severely Disadvantaged Areas. It is a payment based on the total area of your farm. The Rural Payments Agency administers the Uplands Transitional Payment.

Vendor number

A vendor is the name and correspondence address of a business that is entitled to receive grants and subsidies and each vendor is allocated a vendor number.

Watercourse

A watercourse is defined as a surface water body, whether a lake, pond, river, stream, canal, leat or ditch, which regularly contains standing or running water.

List of abbreviations and acronyms

AONB	Area of Outstanding Natural Beauty
BASIS	British Agrochemical Standards Inspection Scheme
САР	Common Agricultural Policy
СРН	County Parish Holding
CSS	Countryside Stewardship Scheme
Defra	Department for Environment, Food and Rural Affairs
ECS	Energy Crops Scheme
ELS	Entry Level Stewardship
ERDP	England Rural Development Programme
ES	Environmental Stewardship
ESA	Environmentally Sensitive Area
EU	European Union
FER	Farm Environment Record
FYM	Farm Yard Manure
GAEC	Good Agricultural and Environmental Condition
HER	Historic Environment Record
HLS	Higher Level Stewardship
LCA	Landscape Character Assessment
LU	Livestock Unit
MESME	Making Environmental Stewardship More Effective
NDPB	Non-Departmental Public Body
NVZ	Nitrate Vulnerable Zone
OELS	Organic Entry Level Stewardship
RDPE	Rural Development Programme for England
RLR	Rural Land Register
RPA	Rural Payments Agency
SAC	Special Area of Conservation
SBI	Single Business Identifier
SDA	Severely Disadvantaged Area

- **SHINE** Selected Heritage Inventory for Natural England
- **SMRs** Statutory Management Requirements
- SPA Special Protection Area
- SPS Single Payment Scheme
- **SSSI** Site of Special Scientific Interest
- TFB Traditional Farm Building
- **UTP** Uplands Transitional Payment

Our promise to you

As the Government's adviser on the natural environment, Natural England are committed to provide practical advice, grounded in science, on how best to safeguard England's natural wealth for the benefit of everyone.

Our remit is to ensure sustainable stewardship of the land and sea so that people and nature can thrive. It is our responsibility to see that England's rich natural environment can adapt and survive intact for future generations to enjoy.

We work with farmers and land managers, business and industry, planners and developers, national and local government, interest groups and local communities to help them improve their local environment.

Our 'Promise to you' is our public commitment to delivering excellent customer service, setting out what you can expect from our staff, our commitment to our service standards and customers, and our desire to continually learn from our customer feedback.

You can see our full 'Promise to you' online at www.naturalengland.org.uk/about_us/customer

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Many of the ES options will reduce the Greenhouse Gas (GHG) emissions associated with your farming activities, for instance, by reducing the use of inorganic fertilisers and increasing carbon stores in soils. You can estimate the carbon footprint of your farm by logging on to the Country Land & Business Association's (CLA) Carbon Accounting for Land Managers (CALM) tool at www.cla.org.uk/calm. Natural England and the CLA have been working together to build in a specific ES element to CALM enabling you to estimate the impact of your ES option choices on your farm's carbon footprint.

Front cover photograph:

Tree and drystone wall in Swaledale. © James LePage/Natural England





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Natural England is here to secure a healthy natural environment for people to enjoy, where wildlife is protected and England's traditional landscapes are safeguarded for future generations.

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